

CX3010 RESIN

PREMIUM RESIN RIBBON

- THERMAL TRANSFER
- FLAT-HEAD
- RESIN

PRODUCT OVERVIEW

CX3010 is a high-performance resin ribbon engineered for applications requiring maximum durability, chemical resistance, and long-term readability. Designed for demanding industrial environments, it delivers exceptional print quality on synthetic materials while ensuring outstanding resistance to abrasion, heat, and aggressive chemicals.

CX3010 is the ideal solution for applications where label performance and longevity are critical.

COMPATIBLE MATERIALS

CX3010 is optimized primarily for synthetic substrates:

- PET
- PE
- PP
- BOPP
- PVC
- High-performance coated materials

DURABILITY & RESISTANCE

- Superior scratch and abrasion resistance
- High resistance to alcohol, oils, and chemicals
- Excellent heat resistance (high melting point ~100°C)
- Long-term stability in harsh environments
- Resistant to moisture, humidity, and outdoor conditions

TYPICAL APPLICATIONS

- Chemical and industrial labeling
- Automotive industry
- Electronics and PCB labeling
- Asset and identification labels
- Outdoor and long-life labeling
- Pharmaceutical and laboratory use
- Steel, machinery and production environments

KEY FEATURES

- Premium resin formulation for maximum durability
- Excellent resistance to chemicals, solvents, and abrasion
- High-definition printing for fine text, barcodes, and graphics
- Superior adhesion on synthetic materials
- Outstanding resistance to extreme environmental conditions
- Reliable performance in industrial applications
- Optimized backcoating for printhead protection

PRINT PERFORMANCE

- CX3010 ensures top-tier print quality across all demanding applications:
- Deep black print with high optical density
- Exceptional sharpness for high-resolution barcodes
- Precise reproduction of small characters and fine lines
- Excellent performance on complex label layouts

TECHNICAL SPECIFICATIONS

Ink color	Black
PET film thickness	4.5 um
Total ribbon thickness	approx. 7.1 um
Ink melting point	approx. 100C
Printing energy	High
Printing speed	medium (depending on applicati
Temperature	5C - 35C
Humidity	20% - 80% RH
Shelf life	12 months

COMPLIANCE & CERTIFICATIONS

- RoHS compliant
- REACH compliant
- Halogen-free
- SGS certified
- MSDS available

